

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A system for monitoring a physiological condition of an individual, comprising a sensor arranged to pick up a first signal in a first mode of the system, said first signal being representative of said physiological condition and to forward said first signal to a signal processing unit, ~~wherein said system comprises a control unit configured to be selectively actuated to effect a system mode change and positioned remote from said signal processing unit, said control unit configured to generate a second signal arranged to be transmitted to said sensor and superimposed on the first signal, said signal processing unit being arranged to decode the second signal and to make the system enter into a second mode upon receipt of the second signal, wherein said second signal is arranged to be received by said sensor as a disturbance of the first signal.~~

2. (Previously presented) The system according to claim 1,

wherein the control unit comprises an electrode to be arranged in contact with the individual's skin, said electrode being arranged to transmit the second signal.

3. (Previously presented) The system according to claim 2, wherein the system further comprises an RF-link arranged to establish a wireless communication to a remote base unit, the second signal being a trigger signal for the RF-link to perform a predetermined operation.

4. (Previously presented) The system according to claim 2, wherein the second signal comprises data to be processed by the signal processing unit.

5. (Previously presented) The system according to claim 1, wherein the second signal has substantially a same bandwidth as the first signal, the amplitude of the second signal being at least one order of magnitude smaller than the amplitude of the first signal.

6. (Currently amended) ~~A control unit configured to be selectively actuated and suitable for~~ system for selectively

actuating a personal monitoring system, said personal monitoring system being arranged to pick up a signal representative of a physiological condition of an individual, ~~wherein said the system comprising a control unit is arranged~~configured to control the personal monitoring system by a generation of a suitable trigger signal which is transmitted to said personal monitoring system, and ~~by superimposing~~configured to superimpose said trigger signal on the signal representative of the monitored physiological condition to control an operating mode of the monitoring system, wherein control unit is configured to produce the trigger signal is ~~arranged to be received by said personal monitoring system as a~~ disturbance of the signal representative of the monitored physiological condition.

7. (Currently amended) The ~~control unit~~system according to claim 6, wherein the control unit comprises an electrode to be arranged in a contact with the individual's skin, said electrode being arranged to transmit the trigger signal.

8. (Currently amended) The ~~control unit~~system according to claim 6, wherein the control unit comprises a user interface arranged to

operate said control unit in a manual mode.

9. (Currently amended) The ~~control-unit~~system according to Claim 8, wherein the control unit comprises a data input port capable of being actuated and a display.

10. (Currently amended) The ~~control-unit~~system according to Claim 6, wherein the trigger signal is arranged to have a duty cycle of less than 0.1% of the signal representative of the monitored physiological condition.

11. (Currently amended) The ~~control-unit~~system according to claim 6, wherein upon receipt of the trigger signal, the control unit is configured to perform a dedicated wakeup sequence.

12. (Currently amended) The ~~control-unit~~system according to claim 11, wherein the dedicated wake-up sequence includes turning on of an RF-link that is otherwise always in an off-state.

13. (Currently amended) The ~~control-unit~~system according to claim 6, wherein the trigger signal is arranged as a dual-tone signal.

14. (Currently amended) The ~~control-unit~~system according to claim 13, wherein the dual-tone signal is arranged as a substantially 29.5 Hz continuous wave and 22.5 Hz on-off keyed signal.

15. (Currently amended) The ~~control-unit~~system according to claim 13, wherein the dual-tone signal is arranged as a substantially 129.5 Hz continuous wave and 122.5 Hz on-off keyed signal.

16. (Previously presented) The system according to claim 1, wherein upon receipt of the trigger signal, the signal processing unit is configured to perform a dedicated wakeup sequence.

17. (Previously presented) The system according to claim 16, wherein the dedicated wake-up sequence includes turning on of an RF-link that is otherwise always in an off-state.

18. (Previously presented) The system according to claim 1, wherein the second signal is arranged as a dual-tone signal.

19. (Previously presented) The system according to claim 18,

wherein the dual-tone signal is arranged as a substantially 29.5 Hz continuous wave and 22.5 Hz on-off keyed signal.

20. (Previously presented) The system according to claim 18, wherein the dual-tone signal is arranged as a substantially 129.5 Hz continuous wave and 122.5 Hz on-off keyed signal.

21. (Currently amended) A system for monitoring a physiological condition of an individual, comprising:

a sensor configured to pick up a first signal in a first mode of the system, the first signal being representative of the physiological condition of the individual;

a signal processing unit, wherein the sensor is configured to forward the first signal to the signal processing unit; and

a control unit configured to be selectively actuated to effect a system mode change and positioned remote from the signal processing unit, the control unit configured to generate and transmit a second signal to the sensor superimposed on the first signal, the signal processing unit being configured to decode the second signal and to initiate the system entering into a second mode based upon receipt of the second signal by the sensor, wherein

the second signal is configured to be received by the sensor as a disturbance of the first signal.